

From glowbugs@theporch.com Wed Aug 21 22:37:50 1996
Return-Path: <glowbugs@theporch.com>
Received: from uro (localhost.theporch.com [127.0.0.1]) by uro.theporch.com
(8.8.Alpha.8/AUX-3.1.1) with SMTP id WAA10746; Wed, 21 Aug 1996 22:32:15 -0500
(CDT)
Date: Wed, 21 Aug 1996 22:32:15 -0500 (CDT)
Message-Id: <199608220332.WAA10746@uro.theporch.com>
Errors-To: ws4s@midtenn.net
Reply-To: glowbugs@theporch.com
Originator: glowbugs@theporch.com
Sender: glowbugs@theporch.com
Precedence: bulk
From: glowbugs@theporch.com
To: Multiple recipients of list <glowbugs@theporch.com>
Subject: GLOWBUGS digest 268
X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas
X-Comment: Please send list server requests to listproc@theporch.com
Status: 0

GLOWBUGS Digest 268

Topics covered in this issue include:

- 1) Dial plates for laserjet printing
by rdkeys@csemail.cropsci.ncsu.edu
- 2) Re: Want dial for Regen
by Jeff Duntemann <jeffd@coriolis.com>
- 3) Re: Want dial for Regen
by steve@hi.com (Steve Byan)
- 4) Re: Dial plates for laserjet printing
by rdkeys@csemail.cropsci.ncsu.edu
- 5) Outstanding service
by Jeff Duntemann <jeffd@coriolis.com>
- 6) Dial plates/decals/logos/pointers etc --- how you do it?
by rdkeys@csemail.cropsci.ncsu.edu
- 7) Laser-printed dial plates
by Jeff Duntemann <jeffd@coriolis.com>
- 8) Re: Want dial for Regen
by Gordon Couger <gcouger@ceatlabs.okstate.edu>
- 9) RE: Dial plates/decals/logos/pointers etc --- how you do it?
by "Paul Bocci-CPB007" <Paul_Bocci-CPB007@email.mot.com>

Date: Wed, 21 Aug 1996 10:26:46 -0400 (EDT)
From: rdkeys@csemail.cropsci.ncsu.edu
To: glowbugs@theporch.com
Cc: rdkeys@csemail.cropsci.ncsu.edu ()

Subject: Dial plates for laserjet printing
Message-ID: <9608211426.AA101838@csemail.cropsci.ncsu.edu>

While we are on the topic of dials for funzies regenerators, etc....

There should be some zip files up on the archives at ftp.theporch.com and sunsite.unc.edu that has a bunch of laserjet printable dial templates. They are the ones I use quite often, and might be of use to others making regenerators or hartleys and the like.

The files are namdial.zip (contains plain dial plates) and roundial.zip (contains vernier dial plate for ACN-like dials).

Bob/NA4G

Date: Wed, 21 Aug 1996 08:51:33 PDT
From: Jeff Duntemann <jefffd@coriolis.com>
To: kj7f@micron.net
Cc: glowbugs@theporch.com
Subject: Re: Want dial for Regen
Message-ID: <1.5.4.16.19960821084918.10379412@ntserver.coriolis.com>

Terry--

>I am looking for a dial mechanism that I can use for my
>regen receiver project. The next swap meet with in driving
>distance is over a month away and I've never seen these there
>so I'll start my search here. Any one have any ideas where
>I might be able to locate something?

About two years ago I bought several Velvet Vernier mechanisms from Fair Radio Sales for relatively little money. (I think it was about \$3 each; dirt cheap for those things.) You might call there and see if they have them; I believe they advertise in QST.

Another more certain source is Dan's Small Parts in Montana. Dan sells Jackson Brothers planetary drives (that always sounds real SF to me); a 7:1 for \$8:50 and a 10:1 (HW-9 style) for \$10.

Dan's Small Parts
Box 3634
Missoula MT 59806-3634
406-258-2782

Dan also sells various Millen ceramic slug-tuned coil forms like you see in

a lot of Sixties ARRL tube projects, for \$1.50-\$1.75.

If you need a dial plate for your vernier drive, I recommend finding an old CD-ROM somewhere and pasting some paper on one side for your calibration. A couple of the online services were mailing gazillions of them a few months back, so almost everybody has at least one. (I hoard oddments like that and have a pile of them in case you can't scare one up.) I built a 6SN7 regen with a CD-ROM on a Velvet Vernier and it was one of the best dials I ever had on any analog receiver.

--73--

--JD--

>Terry KJ7F

>

>kj7f@micron.net (Boise, Idaho) <http://netnow.micron.net/~kj7f>

>

>

>

>

Date: Wed, 21 Aug 1996 12:35:52 -0400

From: steve@hi.com (Steve Byan)

To: glowbugs@theporch.com

Subject: Re: Want dial for Regen

Message-ID: <v02130501ae40e8e53f7c@[140.243.30.128]>

>About two years ago I bought several Velvet Vernier mechanisms from Fair
>Radio Sales for relatively little money. (I think it was about \$3 each;
>dirt cheap for those things.) You might call there and see if they have
>them; I believe they advertise in QST.

Fair doesn't have them anymore. I called looking for some last December, but they were all sold out. It was a great price.

Radiokit may still have some Jackson Bros. reduction drives. They used to have the dual-speed dial and drive assembly four or five years ago, but as of a couple of years ago they were sold out of them.

Radiokit

P.O. Box 973

Pelham NH 03076
(603) 635-2235
(603) 635-2943 (fax)

Those nice Jackson Brothers dial drives are available from Isoplethics in Great Britain. They take Visa/Mastercard, so it's feasible to place a mail order with them from the US. Here's a post from my Boatanchors list archives:

>Date: Thu, 22 Jun 1995 11:18:39 -0500
>From: Jack Ponton <jwp@chemeng.ed.ac.uk>
>To: Multiple recipients of list <boatanchors@theporch.com>
>Subject: Re: Eddystone dial
>
> Jackson Dials
>
>As requested by a number of folk....
>
>The Jackson 6/36 dial and drive assembly, catalog No. 4103/A,
>is being manufactured again. It is a dual speed 6:1 and 36:1
>unit 123mm by 95mm (about 4.85" by 3.75"). It has a black
>plastic coated frame, plastic window and a transparent
>cursor with a hairline pointer. I think this is not quite
>up to the spec. of the original which I remember with a glass
>window and a crackle finished metal frame. It costs UK pounds
>19.50, about \$30, including UK tax at 17.5%.
>
>It's available from:
>
>Isoplethics,
>13 greenway Close
>North Walsham
>Norfolk NR28 0DE
>UK
>
>Tel (UK) (0) 1692 403 230
>
>I've not actually seen one, but the May edition of UK's Practical Wireless
>has a picture on page 12. I may buy one myself soon, and will report.
>
>73, Jack gm0rwu

Bobby Barmore over on boatanchors had success in ordering from them.

Regards,
-Steve

Steve Byan
Hitachi Computer Products (America), Inc.
1601 Trapelo Road
Waltham, MA 02154

internet: steve@hi.com
phone: (617) 890-0444
FAX: (617) 890-4998

Date: Wed, 21 Aug 1996 13:38:38 -0400 (EDT)
From: rdkeys@csemail.cropsci.ncsu.edu
To: kk5hy@accesscom.net (Jake Hellbach)
Cc: rdkeys@csemail.cropsci.ncsu.edu (), glowbugs@theporch.com
Subject: Re: Dial plates for laserjet printing
Message-ID: <9608211738.AA102129@csemail.cropsci.ncsu.edu>

>
> Bob,
> I downloaded the file and tried to print it but doesn't print correctly.
> What are you doing to print the file?
>
> Thanks, Jake KK5HY
>
> At 09:00 AM 8/21/96 -0500, you wrote:
> >While we are on the topic of dials for funzies regenerators, etc....
> >
> >There should be some zip files up on the archives at ftp.theporch.com
> >and sunsite.unc.edu that has a bunch of laserjet printable dial templates.
> >They are the ones I use quite often, an the might be of use to others
> >making regenerators or hartleys and the like.
> >
> >The files are namdial.zip (contains plain dial plates) and roundial.zip
> >(contains vernier dial plate for ACN-like dials).
> >
> >Bob/NA4G
> >

No problemo.....

1. Pkunzip the zip files: pkunzip namdial.zip
 pkunzip roundial.zip

 This will make the .tex .lj .ps files and there should be a readme
 file there also.

2. There are both binary laserjet files (.lj files) and postscript files
 (.ps files) that can be printed on plain laserjet or postscript printers
 in dos as follows:

```
print namdial.ps
print roundial.ps
```

or

```
copy namdial.lj prn: /b
copy roundial.lj prn: /b
```

Note.... the .lj files are binary files and must be printed with the /b option of the copy command. Do not print the .lj files using the print command since it will not pass the binary codes through unmodified. It will barf and spit paper endlessly..... The copy command will handle the binary codes correctly.

Note.... the .tex files are the input files that made the dials for any TeX/LaTeX gurus out there.....(:+{}}.....

3. On unix the command is probably something like:

```
cat namdial.ps | lpr          or          cat namdial.ps | print -plot
```

or something very close to that, etc. If you are not a unix guru, consult your local machine guru for printing.

4. On a Novell server or worse yet,..... windoz you are on your own.....

Good Luck..... Bob/NA4G

Date: Wed, 21 Aug 1996 10:53:45 PDT
From: Jeff Duntemann <jeffd@coriolis.com>
To: glowbugs@theporch.com
Subject: Outstanding service
Message-ID: <1.5.4.16.19960821105131.11679ec4@ntserver.coriolis.com>

Hi guys--

This is only slightly off topic, but I had to report on this one: Yesterday morning I called in a phone order to Mouser Electronics using their 800 lines. It was a credit card order and I presented myself as an individual rather than a business owner. I asked for no special shipping and told the order taker lady that UPS ground would be fine. Well, this morning, the box

arrived. Total shipping charges \$3.74 for a 4 pound box.

Now, although we're not real far from them, we're not local. (They're in California; I'm in Scottsdale.) I'm not sure how this is possible (nor if it's just a fluke, as I've only ordered from them once before, years ago) but they're well-worth checking out.

What I bought was an 8" x 7" x 11" ventilated cabinet for my 6DQ6 Handbook modulator, plus a couple small odds and ends. The cabinet is gorgeous, tho not cheap. (\$67) They sell new (not surplus) parts and supplies, so there's not much Glowbug stuff there apart from cabinets, switches, fuse holders, and generic stuff like that. But service like that is worth keeping in mind if you need any of that stuff.

Their 800 number is 1-800-346-6873. Their catalog is definitely worth having, for the cabinets and chassis alone.

--73--

--Jeff Duntemann KG7JF
Scottsdale, Arizona

Date: Wed, 21 Aug 1996 15:04:37 -0400 (EDT)
From: rdkeys@csemail.cropsci.ncsu.edu
To: glowbugs@theporch.com
Cc: rdkeys@csemail.cropsci.ncsu.edu ()
Subject: Dial plates/decals/logos/pointers etc --- how you do it?
Message-ID: <9608211904.AA102210@csemail.cropsci.ncsu.edu>

In order to provoke some probably very useful discussion amongst the glowbugs:

If one were to write out a dial decal/plate/template/pointer/etc on a laser printer how would one affix same to yer pet glowregenahartleythingie?

I will toss out some starters for use:

Note: I design and construct the label images using the TeX/LaTeX or troff typesetters. What do you use?

Note: Years ago I used to use professional press-on lettering set sheets, but they never seemed to have exactly what I wanted and are rather difficult to line up exactly.

1. Print out on laserlabels and cut to suit. Works good for me if it will fit on a laserlabel or sheet thereof. It requires a bit

of playing to space things out on the sheet so that all the label images fit on the actual labels.

2. Print out on laserpaper or heavy card stock, cut, and glue to panel with some form of glue. I have had mixed success with this. The glue used is important. Superglue sucks. Rubber cement is only fair. Elmers works pretty good. I have not tried professional spray adhesives. What have you used?
3. Print out on laserlabels or paper or card stock and cut and glue to a sheet of brass or aluminum with corner holes for mounting on yer pet bakelite (or imitation bakelite --- read black 1/4 inch acrylic) panel. This sounds neat, and should make for some colorful brass on yer panel, but I have not tried it yet.....
4. (you folks add here with commentary).....

Bob/NA4G

p.s. I have a bunch of other odd labelthingies that I have printed out via laser, made on the TeX engine, if anyone was really interested they might email me. Whether or not they are of use is another matter.

Date: Wed, 21 Aug 1996 13:04:52 PDT
From: Jeff Duntemann <jeffd@coriolis.com>
To: glowbugs@theporch.com
Subject: Laser-printed dial plates
Message-ID: <1.5.4.16.19960821130238.116784d8@ntserver.coriolis.com>

What I did for my 6SN7 receiver was draw a CD-sized circle with concentric circles inside it, and radial lines every 20 degrees. (I did this with Visio but any CAD program will work as well.) I then printed the pattern on a full-size 8 1/2 X 11 self-adhesive label sheet. (That is, the whole sheet is one big label.) These aren't common but the larger office supply places have them, and they can be ordered.

I then cut out the circle with an X-acto knife and pulled the backing. I put the label stickum-up on the bench and laid the CD down on it. I calibrated it with my signal generator and put tick marks on the circles with a Sharpie marker, then took the dial off again and drew "nice" lines at the tick marks for band edges and 100kc lines.

If I did it again (and I'm sure I will) I will leave off the radial lines. They just got in the way and there's no way to ensure that they represent anything meaningful.

The dial "pointer" is a #10 solder lug on a spacer just above the dial, with the solder hole at the end as a "peep hole" through which I align the lines on the CD.

For labeling controls on panels I use a Brother label-printing gadget with black-on-transparent tape.

Short of a custom silk-screen job, I doubt you'll do better than this.

--73--

--Jeff Duntemann KG7JF
Scottsdale, Arizona

Date: Wed, 21 Aug 1996 15:20:29 -0500
From: Gordon Couger <gcouger@ceatlabs.okstate.edu>
To: steve@hi.com
Subject: Re: Want dial for Regen
Message-ID: <199608212020.PAA10659@uro.theporch.com>

I have new National radio gear box that would make a start of a great dial. A knob and the dial files from ftp.theporch.com would finish the job. If anyone is interested let me know.

Gordon

Gordon Couger AB5DG
624 Cheyenne
Stillwater, OK 74075
405.624.2855 home 405.742.6159 cell

>>About two years ago I bought several Velvet Vernier mechanisms from Fair
>>Radio Sales for relatively little money. (I think it was about \$3 each;
>>dirt cheap for those things.) You might call there and see if they have
>>them; I believe they advertise in QST.

Date: Wed, 21 Aug 1996 16:45:12 -0500
From: "Paul Bocci-CPB007" <Paul_Bocci-CPB007@email.mot.com>
To: glowbugs@theporch.com, rdkeys@csemail.cropsci.ncsu.edu
Subject: RE: Dial plates/decals/logos/pointers etc --- how you do it?
Message-ID: <Macintosh */PRMD=MOT/ADMD=MOT/C=US/@MHS>

Being Macintosh based, I use MacDrawpro, not out of any particular affection, it is simply available.

To make the panels, I cut a second front panel out of 1/8 inch plexiglass, drilled appropriately and sandwich the printed paper between the plexiglass and the metal. This gives the label some protection from the environment. Of course, it is not very authentic if you are trying to re-produce a BA look, but it works for me. Different colors of paper and tints of plexi can vary the appearance nicely.

73, Paul, K9NO

To: glowbugs@theporch.com@INTERNET
From: rdkeys@csemail.cropsci.ncsu.edu@INTERNET on 21, Aug 1996, 2:34 PM
Subject: Dial plates/decals/logos/pointers etc --- how you do it?

In order to provoke some probably very useful discussion amongst the glowbugs:

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Bob/NA4G

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End of GLOWBUGS Digest 268
